

On Some Interrelations Between the Functional
Mobility of the Sight Analyzer and the Binocular
Seeing, by G. I. Milysteyn (abstract)

RUSSIAN, thrice-mo per, Dok Ak Nauk, Vol XCIX, 1954,
pp 965-968, Encl to IR-754-55, Germany.
CIA C 37509

AF 664067

II Concentration of Hydroxyl in the Upper Atmosphere,
by V. I. Gerasimov, 5 pp.

Full text

RUSSIAN, English-to-rus, Dok Ak Nauk SSSR, Vol XXIV
XCH, No 6, 1954, pp 979-981.

ADU 44-35-9560/XII

Scientific - Astronomy
CES/Dax
Aug 56

37,957

(FDD 24995)

On the Nature of the Process Limiting the Speed of
Graphitization in Cast Iron, by M. A. Krishtal, 7 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol XCIX,
No 6, Moscow, 21 Dec 1954, pp 985-986.

CIA/FDD/U-7569

USSR

Sci - Minerals/Metals

OTS Nov 55

24,859

Algebraic Method of Designing Sequential
Relay Systems, by V. I. Shostakov, 6 pp.

RUSSIAN, par, Dok Ak Nauk SSSR, Vol. XXIX,
No 6, 1954, pp 987-990.

MDP S-106
9093119

Sci
Rev 61

173,346

Nazarov, I. N., Kuznetsov, N. V., and Semenovskii, A. V.
THE PREPARATION OF AROMATIC ACIDS BY OXIDA-
TION OF SIDE CHAINS OF AROMATIC COMPOUNDS
BY NITRIC ACID. 9p. 5 refs. MTWL: 756.
Order from OTS or ETC \$1.55 61-17265

Trans. of Akademiya Nauk SSSR (Doklady), 1954,
v. 99, no. 6, p. 1003-1006.

DESCRIPTORS: *Benzenes, Nitric acid, Oxidation,
*Acids, Preparation.

61-17265

- I. Nazarov, I. N.
- II. Kuznetsov, N. V.
- III. Semenovskii, A. V.
- IV. MTWL-756
- V. Stichting Moeilijk
Toegankelijke Wetenschap-
pelijke Literatuur

Office of Technical Services

The Nature of the Influence of Halides of Metals
on the Variation of the Orienting Effect of the
Silyl Chloride Group and the Mechanism of Their
Dearylating Effect, by A. Ya. Yakubovich, G. V.
Motsarev, 4 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol XIX,
No 6, 1954, pp 1015-1018.

CIA/FDD/X-XX 1698

Scientific - Chemistry

CTB 69/Jun 55

24,815

Formation at the Cathode of a
Subcompound of Aluminum and Sodium
in the Electrolysis of Cryolite Fusions,
by N. Antipin.
RUSSIAN, per, Doklady Ak Nauk, Vol XCIX,
No 6, 1954, pp 1019-1022.
SLA TT 64-20217

Apr 67

323,044

Influence of Lubricants Upon the Surface Flow
of Metal, by S. Ya. Veiler,

RUSSIAN, per, Dok Ak Nauk SSSR, Vol XCIX,
No 6, 1954, pp 1025-1027.

24,652

From Tech Sec Rpt 7/8
Brutcher Tr 3519
\$2.80

Scientific - Min/Metals

Jun 55 CTS

Equilibrium, stability and kinetics of free
film of a liquid, by Deryagin, B. V.,
Merpin, S. V., 7 pp.

RUSSIAN, par, Dok Ak Nauk SSSR, 99, no 6,
1954, p 1029-32.

SLA R-3474

Sci

NLL 4.2732

Aug 59

74,369

Theory of Coagulation and Precipitation of Particles of Aerosol in Turbulent Flow of Gas. On the Coefficient of Capture of Aerosol Particles, by V. G. Levich, 9 p. RUSSIAN, per, Doklady Akademii Nauk SSSR, Vol XCIX, 1954, pp 1041-1044.
9699925

AFCHL C-T-R-65-11

FEC/BNL-TR-278

Sci-Phys
Mar 66

297,689

Reliability of the Determination of the
Absolute Age of Uranium Minerals From the
Ratio of Lead Isotopes, by A. I. Tugarinov.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR,
Vol XCIX, 1954, pp 1061-1063.

Assoc Tech Sv RJ-260
\$5.40

Scientific - Chemistry
CTS 73/Oct 1955

h/m 27,696

Catechol Metabolism During Development of the
Tea Leaf, by K. M. Dzhamukhadze, G. A.
Shalueva.

RUSSIAN, 3 thrice-no per, Dok Ak Nauk SSSR,
Vol XCIX, No 6, 1954, pp 1059-1071.

Summit 141
27/3402
Sci - Biology

Coop Tran Scheme No 164
15s.Od. (3s.Od.)

33,772

May 1956

SLA 11 2-47

(FDD 26645)

The Influence of Electric Current Stimulation on Mitotic
Activity of the Corneal Spithelium of White Mice, by
S. Ya. Zalkind, 6 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol XCIX,
No 6, Moscow, 21 Dec 1954, pp 1091-1093.

34,797

CIA/FDD U-8152

USSR
Sci - Biology
Apr 56

(FDD 26646)

Changes of Embryonic Skin Transplanted on the
Site of the Cornea of Adult Rats, by T. A.
Bednyakova, 33 9 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol XCIX,
No 6, Moscow, 21 Dec 1954, pp 1103-1106.

CIA/FDD U-8153

34,796

USSR
Sci - Biology
Apr 56

(FDD 26647)

Inhibition of the Processes of Cell Division
in Corneal Epithelium of Rats Under the Influence
of Conditioned Stimulants, by O. Chshen, 8 pp.

RUSSIAN, thrice no par, Dok Ak Nauk SSSR, Vol XLIX,
Moscow, 21 Dec 1954, pp 1111-1114.

CIA/FDD U-8154

USSR

Sci - BICH Biology

34,795

Apr 56

(FDD 26648)

Influence of Drug-Induced Sleep on the Circulation
of Antibiotics in Animal Organisms, by S. D.
Yudintsev, 7 pp.

RUSSIAN, Thrice-mo per, Dok Ak Nauk SSSR,
Vol XCIX, No 6, Moscow, 21 Dec 1954, pp 1115-1117.

CIA/FDD U-8155

USSR

Sci - Med. Neurophysical

May 56

35,088

On the Change of the Structural Viscosity of Nuclein
Acids of the Brain and of the Spleen Under the
Influence of Ionizing Radiation, by A. M. Kuzin,
E. V. Budilova (abstract)

RUSSIAN, thrice-mo per, Dok Ak Nauk, Vol XCIX, 1954,
pp 961-964, Encl to IR-754-55, Germany.
CIA C 37509

AF 664067

Analcime in Sedimentary Rocks of Great
Bogdo Mountains, by M. P. Kolbin and M.
I. Pimburskaya, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol C, No
1, 1955.

SLA R-2662

Sci

72, 76.2

Aug 58

Table of Contents and Abstracts of Doklady Akademii
Nauk SSSR, Vol 100, No 1 - 6, 1955.

RUSSIAN, no pag, Dok Ak Nauk SSSR, Vol 100, No 1-6,
1955.

CIA/FDD X-1870

The Possibility of Eliminating Critical Energy
in a Strong Focusing Accelerator, by V. V.
Vladimirov, 13 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, 1955, pp 13-22

SLA Tr R-764

Sci - Nuclear Physics

50,594

Aug 57

Ferroelectric Ceramics With Very Pronounced Non-Linear Properties, by T. N. Verbitskaya, 5 pp.

RUSSIAN, per, Doklady Ak Nauk SSSR, Vol C, No 1, 1955, pp 29-32.

SLA R-918

Sci
May 58

63,992

Secondary Electron Emission From (100) Face
of NaCl Single Crystal, by L. H. Dobretsov,
A. S. Tikhov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol C, No 1,
1955, pp 33-36.

OTS 60-16529

Sci

188,931

30 Mar 62

Magneto optic Properties of the Exciton, by A. G.
Samokhvalovich, L. L. Korenblit, 4 pp.

RUSSIAN. per, Dok Ak Nauk SSSR, Vol C, No 1, 1955,
p 43-44.

SLA R-3065

Sci

Jul 59

91,326

(FDD 25594)

Principal Types of Geomagnetic Activity, by V. M.
Mishin, 9 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol C,
No 1, Moscow, 1 Jan 1955, pp 53-56.

CIA/FDD/U-7674

USSR

Sci - Geophysics

CTS 75/Dec 55

016-11928

30,553

Sci Mus Lib
55/2813

(FDD 26916)

The Problem of the Differential Diagnosis of
Color Vision, by A. B. Flekkel', 8 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol C,
No 1, Moscow, 1955, pp 57-60.

CIA/FDD U-8093

USSR

Sci - Medicine, ophthalmology

33, 274

Influence of Chrome on Self-diffusion on
Iron, by P.L. Gruzin,
RUSSIAN, per, Doklady Akad. Nauk SSSR
Vol. 100, no. 1, 1955, pp. 65-67
*CFSTI TT 70-57035

Sci/phys
Feb 70

Interatomic Bond Strength and Static Distortions
in Crystals of Alloyed Ferrite, by V. A. Il'ina,
V. K. Kritskaya,

RUSSIAN, per, Dok Ak Nauk SSSR, Vol C, ~~Emvkrky~~
No 1, 1955, pp 69-72.

24,653

Brutcher Tr 3511
\$2.80

Scientific - Min/Metals

Jun 55 CTS

V Composition - High Temperature Strength Diagram for
Nickel-Tungsten System, by I. I. Kornilov, P. B.
Budberg,

RUSSIAN, thrice-no per, Dok Ak Nauk SSSR, Vol C, No 1
1955, pp 73-75.

Brutcher Tr 3747

Sci - Chemistry *Min/Metals*

Aug 1956

37,406

\$2.90

Synthesis of Trialkylsilylmethyl Thiocyanates and
 β -(Trialkylsilylalkoxy) Propionitriles, by A. D.
Petrov, V. P. ~~Mironov~~ Mironov, N. A. Pogonkina, 6 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol C,
1955, pp 81-84.

CIA/FDD X-2891

Sci - Chemistry
May 58

63,113

English Title Unknown, by Shostakovskiy.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 100, No 1, 1955,
pp 89-92.
*NTIS TT 72-51118

Aug 72

The Law of Equilibrium Distribution of
Deuterium in Hydrogen Isotope Exchange Reaction,
by Ya. M. Varshavsky, S. R. Nussberg. UNCL.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol C, No 1,
1955, pp 97-100.

SSSR LIU (loan) M.670

Sci - Chem
Orig 59

SLA 59-22610

99,009

Colorimetric Thorium. Alizarin Method for Determination of Fluoride Determination, by A. A. Zenin, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, 1955, p 99.

BLA B-1518

Jul 58

69.730

Determination of Arsenic in Water by the Sor-
Filtration Method, by V. Y. Erements, 2 pp.

RUSSIAN, per, Dok Ak Nauk, SSSR, 1955, p 103.

SLA R-1520

Jul 58

69, 907

Investigation of the Ionization and Discharge
of Metal Ions by Means of Radioactive Indicators,
by V. V. Lesyev, 7 pp.
RUSSIAN, per, Dokl. Akad. Nauk SSSR, Vol 100,
1955, pp 111-114.
AEC-UCRL-Tr-1376

On Certain Effects Observed at the Surface of a
Tungsten-mono-Crystal in a Field-Emission Projection
Electron-Microscope in the Presence of Gases, by
Z. S. Roginskiy, I. I. Tret'yakov.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol C, No 1, 1955,
pp 112-114. *GB 4.7 1082*

United Kingdom Scientific Mission
SLA

Sci - Minerals/Metals
Oct 57

54, 440

Maizus, Z. K. and Emanuel, N. M.
COLD FLAME MIXTURES OF ACETALDEHYDE AND
OXYGEN IN THE PRESENCE OF HBr. [1954] [5p] [5 refs.]
Order from OTS, SLA, or ETC \$1.10 TT-64-14896

Trans. of Akademiya Nauk SSSR. Doklady, 1955, v. 100,
no. 1, p. 115-118.

(Chemistry--Physical, TT, v. 11, no. 11)

TT-64-14896

I. Maizus, Z. K.
H. Emanuel, N. M.

Office of Technical Services

The Catalytic Properties of Sensitizers, by L. A.
Nikolayev, I. E. Barshchavsky. UNCL

RUSSIAN, per, Dok Ak Nauk SSSR, XX Vol C, No 1,
1955, pp 119-122.

CGT-9003

Sci - Phys
Sep 59

96,646

Relation of Heats and Free Energies of Formation of
Tantalum Carbides to Phase and Chemical Composition, by
V. I. Smirnova, B. F. Ormont, 7 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol C, No 1, 1955,
pp 127-130. 9218767

AEC-UCRL-Tr-255(L)

Sci-Nucl Sci
Feb 64

249,537

Oxidation-reduction Properties of Chlorophylls a and b
by V. B. Evtigneyev, V. A. Gavrilova, 6 pp.

RUSSIAN, thrice-no per, Dok Ak Nauk SSSR, Vol C,
1955, pp 131-134.

SIA R-1319

May 58

64,619

(FDD 26915)

Replacement of a Perforation Defect in the Cornea
of Rabbits With Embryonic Skin, by T. G. Belyayeva,
8 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol C,
No 1, Moscow, 1955, pp 179-182.

CIA/FDD U-8092

33,683

USSR

Sci - Medicine, ophthalmology

(FDD 26914)

Hemoplastic Transplantation of Nerve With the
Aid of Drug Induced Sleep, by Yu. M. Gudzovskaya,
8 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol C,
No 1, Moscow, 1955, pp 183-186.

CIA/FDD U-8091

USSR

Sci - Medicine, neurology

53.655

A Similarity Integral for Vortex and Temperature
Fields, by A. M. Fainzilber, 6 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 6, 1955,
pp 225-8.

AEC Tr 2567
~~AS 661067 (Attachment)~~
~~CIA-C 37362~~

Sci - Physics
Nov 55 CFB

40,438

Employment of a Nonhomogeneous Magnetic Field for
Increasing the Resolving Power of the Mass Spectrometer,
N. E. Alekseyevskiy, et al, 5 pp.

RUSSIAN, thrice-mo per, Dok, Ak Nauk SSSR, Vol 100,
No 2, Moscow, 1955, pp 229-232, CIA D270076.

SIA 61-17493
Assoc Tech Sv.
RJ 235

100

SR

IAC the Only - 11/XX - Eng 55

1 - Physics

26,093

Infrared Emission Band and the Kinetics of Semiconductor Processes in Cadmium Sulfide in the Temperature Region of Quenching of Luminescence, by V. A. Arkhangolskaya. *RR*

Full translation.

RUSSIAN, thrice-mo per, Dok Ak Nauk, Vol C, No 2,

p 233.-236

SLA-R-1043

Sci Mus Bul 56/0066
Consultants Bureau

CCT-1248TT

Scientific - Physics

25, 811

11-11542

Possibility of Applying Correlation Functions to
the Study of Nuclear Transformations, by V. I.
Gol'danskiy, M. I. Podgoretskiy, 6 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol C, No 2, 1955,
pp 237-240. 517887

SLA 41-15536
A.E.R.E. Harwell Lib Tr 718
Sci Mus Lib Tr 56/1530

Sci - Nuclear Physics

DOI 10.1007/978-1-4020-6444-4

ALL P. 100

(FDD 24352)

The Luminescent Chamber, by Ye. K. Zavoyakiy,
G. Ye. Smolkin, A. G. Plakhov, M. M. Butselov,
3 pp.

Full translation.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol C,
No 2, Moscow, 11 Jan 1955, pp 241, 242.

STS 77-61-19542

MTWL 980(5)

USSR SLA/RT-2856

Consistent Bar
CIA/FDD/U-6937

CCT-1,249TT

22,294

Sci - Nuclear Physics, counter techniques (WAK)

CIS 66/Mar 55

RUSSIAN & FRENCH
STS 77-62-28266

The Influence of Mechanical Pressure on Dielectric
Properties of Ferroelectric ~~Some~~ Ceramics, by
B. V. Sinyakov, I. A. Izhak, 9 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR,
Vol. C, 1955, pp 243-246.

AEC Tr 2907

Sci - Engineering
Jun 57

48,311
SLA R-1692

"Short" Method of Determining the Transparency
Coefficient of the Earth's Atmosphere by the
Brightness of the Sky With Snow Cover, by
G. Sh. Livshits.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol C,
No 2, 1955, pp 251-253.

Nat'l Research Library
Ottawa, Canada
TT-539

USSR
Sci - Geophysics

27,328

The Form of Pores Formed During the
Interdiffusion of Metals, by Ya. E. Geguzin,
5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol C,
1955, pp 255-257.

AERE Harwell 615
See memo 9-5 in EG/1594
AEC Tr 2158

24, 906

Scientific - Min/Metals

Jun 55 CTS

NCH-201 499

Field 7D

Frumkin, A. N.; Aikazyan, E. A.
THE KINETICS OF IONIZATION OF MOLECULAR
HYDROGEN ON A PLATINUM ELECTRODE AND THE
ROLE OF ANIONS. Tr. by Lionel Mote. 1965, 9p,
10refs. TRC-Trans-1103.
Order from NLZ

Trans. of Akademiya Nauk SSSR, Doklady, v100 n2
p315-8 1965.

I. Thornton Research Centre,
Shell Research, Ltd.,
Chester (England)

Investigation of Electrobrightening of Metals,
by P. V. Shchigolev, H. D. Tomashov,

RUSSIAN, per, Dok Ak Nauk SSSR, Vol C, No 2,
1955, pp 327-330.

23,608

See Trans 300 - 3-105
Brutcher Tr No 3502
#2.90

Scientific - Min/Metall

NLL M. 9951
ATJ AJ-4146
May 55 EE CTS

Localization of Specific Antigens in Tumor
Tissue, by L. A. Zil'ber, N. V. Nartsissov,
G. I. Abelev, 8 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR,
Vol C, No 2, 1955, pp 331-334. CIA D 197095.

NIS

36,404

Sci - Medicine

Jul 1956

Effect of Day Length on the Nature of the Carbo-
hydrate-Protein Metabolism in Leaves of Plants,
by N. Chailakhyan.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol C, No 2,
1955, pp 373-376.

CSIRO-3029

Sci

Aug 58

71,110

Effect of Gamma-Radiation From Cobalt-60 on the
Process of Ovulation, Fertilization and Embryonic
Development of a Frog, by A. V. Voyno-Yasenetskiy.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 100, No 2,
1955, pp 389-391.
*NASA TT F-11,966

Oct 68

(FDD 25592)

Distribution of Radioactive Phosphorus and Iodine in
the Organs of Rabbits, Under Normal Conditions,
Under Pentothal Narcosis and Under Strong Excitation,
by I. I. Fedorov, P. K. Khodosevich, Z. P. Fedorova,
Ye. A. Gosteva, 8 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol C, no 2,
Moscow, 11 Jan 1955, pp 393-396.

CIA/FDD/U-7610

ISSR

Sci - Medicine, neurophysiology

Dec 55 CRS
30,449

(copyright)

On a Method of Solving Linear Integral Equations
of the First and Second Kinds, by M. G. Krein,
6 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR,
Vol C, No 3, USSR, 1955, p 413-416 9092868

Morris D. Friedman K-148
\$3.00

Scientific - Physics

Rand Lt 67-40
CTS 67/Apr 55

22,982

On the Question of the Approximate Integration
of the Equations of Plane, Steady Supersonic
Gas Motion, by A. A. Grib, A. G. Ryabinin, 5 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol C,
No 3, USSR, 1955, p 425, ~~427~~,

Mortis D. Friedman 6-127
\$2.50

Scientific - Physics

CTB 67/Apr 55

22,998

On the Theory of Skin Effect in a Constant
Magnetic Field, by M. Ya. Azbel', 6 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR,
Vol C, No 3, USSR, 1955, p 437.

ACC NP-T4111
Morris D. Friedman
\$3.00

Scientific - Physics

CTS 67/Apr 55

22,985

Experimental Verification of Landau's Formula for
Determining the Viscosity Coefficient of Liquids
by the Damping of the Torsional Oscillations of a
Disc, by G. A. Cantemiridze, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol C, No 3, 1954,
pp 441-444.

SLA 61-17576
CCT-1255TT

Sci
Nov 59
Vol 2, No 3

101,529

Kinetic Temperature of Electrons in Metals and
Anomalous Electron Emission, by V. L. Ginsburg,
V. P. Shabanskiy.

^(Thrice-mo)
RUSSIAN ^{per} ~~per~~, Dok Ak Nauk SSSR, Vol C, No 3,
1955, pp 445-448.

Sci Mus Lib Tr 56/3975

Sci - Electronics, Min/met
Jul 57

49,378

The Optical Properties of Dielectric Mirrors on
Obliquely Incident Light, by P. A. Korolev, A. Yu.
Klement'yeva, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol C, No 3, 1955,
pp 459-.

CSIR 143

Sci - Phys

Nov 60

131,394

Polarization Mechanism of Smoothing α in the
Electrochemical Finishing of Metals, by S. I.
Krichmar, 6 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol C,
No 3, USSR, 1955, p 481 ~~481-482~~

Morris D. Friedman *K-151*
\$3.00

Scientific - Physics

NLL M. 2392

CTG 67/Apr 55

22,999

The Raman Spectra of Some Molecular Compounds Containing Antimony, by Sh. Sh. Raskin.

RUSSIAN, per, Dok Ak Nauk, SSSR, Vol C, No 3, 1955, pp 485, 486.

Navy Tr 1571/NRL-642

Sci - Chem

Dec 57

56,028

The Mechanism of the Action of Antibiotics on the
Development of Plant Seedlings, by F. Shorn,
M. Zelinkova, 6 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol C, 1955,
pp 525-528.

SLA Tr R-1320

Sci

Jun 58

65,846

Nosova, Z. A. and Yakovleva, M. E.
ESTUDIO MICROSCOPICO DEL CARACTER MATE
DE LOS ESMALTES DE BORO-PLOMO (Mikro-
skopicheskoe issledovanie Matovosti Borno-svintsovykh
Glazurei) (Microscopic Study of the Dull Character of
Boron-Lead Enamels). 9p. 3 refs. CID: 62-253.
Order from OTS, ETC or CID \$0.80 62-29253

Trans. in Spanish of Akademiya Nauk SSSR, Doklady.
1955, v. 100, no. 3, p. 529-531.

DESCRIPTORS: Microscopy, *Ceramic coatings,
*Boron, *Lead.

(Materials--Ceramics, TT, v. 10, no. 8)

62-29253

- I. Nosova, Z. A.
- II. Yakovleva, M. E.
- III. CID-62-253
- IV. Centro de Información
y Documentación,
Madrid (Spain)

Office of Technical Services

The Part Played by the Myriapods Julidae in the
Decomposition of Organic Matter in Soils Under
Woodland in the Stepe, by D. F. Sokolov.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol C, 1955,
pp 563-566.

UKSM
SEA GB 146

Sci - Biology
Mar 58

60,659

Occurrence of a New Genus of Bryozoans, in the
Upper Carboniferous of the Don River, by
I. P. Morozova, 5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR: Paleontologiya,
Vol C, No 3, 1955, pp 567-569.

Dept of Interior
QE3 E57 No 104

Sci - Geophya
Feb 63

222,476

Effect of Root Nutrition With the Trace Elements Zinc
and Cobalt on Crop and Chemical Composition of Grapes,
by O. Bobrolyubskiy, A. Silevo.

RUSSIAN, per, Doklady Akad Nauk SSSR, Vol C, No 3,
1955, pp 583-586.

UKEM Ref No 3082

Sci - Chemistry
Mar 58

60,007

(FDD 25575)

The Effect of Acetylcholine and Stimulation of
the Vagus Nerve of the Content of "Free"
Sulphydryl Groups in the Tissues, by N. N.
Demin, S. N. Nistratova, L. S. Razanova, 10 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol C,
No 3, Moscow, 21 Jan 1955, pp 597-600.

Des 55 CTS CIA/FDD/U-7620

USSR

Sci - Medicine, Neurophysiology

30,435

(copyright)

On a Boundary Problem for $\Delta u + \lambda^2 u = 0$, by
D. M. Eydus, 4 pp.

RUSSIAN, thrice-mo per., Dok Ak Nauk SSSR,
Vol C, 1955, p 631. - 655

Morris D Friedman E-100
\$2.00

Scientific - Physics

CTS 69/Jun 55

24,749

On the Formation of Inhomogeneities in the
Ionosphere, by B. N. Gershman, V. L. ~~Ginzburg~~,
7 pp. Ginzburg,

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol 6,
No 4, USSR, 1955, p 647-650,

ATIC F-TS-8971/III

Morris D. Friedman G-114

\$3.50

Scientific - Physics

SLA 1919

CTS 67/Apr 55

22,997

Capture Gamma-Rays of Thermal Neutrons and
the Structure of Atomic Nuclei, by L. V.
Groshev, 4 pp.

RUSSIAN, thrice-to per, Dok Ak Nauk, SSSR,
Vol C, 1955, pp 651-654.

AEC Tr 2395
Assoc Tech Service
93H8R

Sci - Nuclear Physics

32,472

Investigation of Ultrafast Light Processes, by E. K.
Zavoisky, S. D. Fanchenko.

Full translation.

RUSSIAN, thrice-to per, Dok Ak Nauk, Vol C, No 4,
p 661.

Consultants Bureau

Scientific - Physics

25, 8/2

The Investigation of Ultrafast Light Processes,
by E. K. Zavoyakiy, S. D. Panekanko, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol C, No 4,
1954, pp 661-664.

OCT-125147

61-17540

Sci

Nov 59

Vol 2, No 3

101,523

Velocity Dependence of Lithium Ion Charge,
by M. I. Kuznetsov, P. I. Lukirskiy, N. A.
Pereillov, 4 pp.

RUSSIAN, thrice-no per, Dok Ak Nauk SSSR, Vol C,
1955, pp 665-667.

AEC Tr 2714

Sci - Physics
Jun 57

48,625

The Rotation of Liquid Helium, by L. D. Landau,
E. M. Lifshits.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol C,
No 4, 1955, pp 669-672.

SLA 61-17577
Consultants Bureau

30,741

Scientific - Physics

Jan 56 CTS/DEV

Energy Loss of Charged Particles Moving
Through an Anisotropic Medium, by
A. G. Sitenko, M. I. Kaganov, 5 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR,
Vol C, 1955, pp 681-683.

AEC TR 2713

Sci - Physics
JUN 57

48,624

Tyapkin, A. A., Kozodaev, M. S. and
Prokoshkin, Yu. D.
PRODUCTION OF π^0 -MESONS BY PROTONS WITH
ENERGIES OF 670 MEV ON NUCLEI OF VARIOUS
ELEMENTS. 6p. 5 refs. MTWL: 975.
Order from OTS or ETC \$1.55 61-17537

Trans. of Akademiya Nauk SSSR. Doklady, 1955,
v. 100, no. 4, p. 689-692.

DESCRIPTORS: *Nuclei, Proton beams, *Mesons.
Chemical elements, Energy.

OTS 62-54761

61-17537

- I. Tyapkin, A. A.
- II. Kozodaev, M. S.
- III. Prokoshkin, Yu. D.
- IV. MTWL-975
- V. Stichting Moellijk
Toegankelijke Wetenschap-
pelijke Literatuur

Office of Technical Services

Mikhailov Curves in Obtaining Frequency Characteristics
of Automatic Control Systems, by O. P. Demchenko.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol C,
No 4, Feb 1955, pp 693-696.

*AID

Control No 205-171-55

TIB/4624

Sci. Res. Div. No 56/209

Rate Method for Microelementary Analysis.
Simultaneous Quantitative Microdetermination
of Phosphorus, Sulfur, Carbon, and Hydrogen
in Phosphorus-Organic Compounds of the
Composition C, H, O, N, S, P., by M. O.
Korshun, E. A. Terentyeva, 8 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol C, No 4,
1955, pp 707-709.

NIH Tr919 30,337

Sci - Chemistry

Synthesis and Reactions of β Trichlorosilylpropion-
itrile, by A. D. Petrov, S. I. Sadykh, Zade, V. M.
Vdovin.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol C, No 4,
1955, pp 711-714.

ASSOC Tech Sv RJ 281

PO Box 271

East Orange, NJ

Scientific - Chemistry

Feb 56

31,079

The Kinetics of the Transformation of Piperilene
into Cyclopentadiene, by N. I. Shuikin, V. A.
Tulupov.

RUSSIAN, thrice-no per, Dok Ak Nauk SSSR,
Vol C, No 4, 1955, pp 731-733.

X-2107
Coop Trans Scheme No 166
L1.4s. (4s.0d.)

Sci - Chemistry

May 1956

5211 2-2350

33,776
See must J. 11/1/57

Critical Phenomena in the Triethylamine -
Water System, by I. R. Krichevskiy, N. E.
Khazanova, L. R. Linshitz, 5 pp.

RUSSIAN, thrice-a-week per, Dok Ak Nauk SSSR, Vol
C, No 4, 1955, pp 737-740.

Sci Mus Lib No 56/1884

Sci - Physics

42, 263

to the Process of 'Secondary' Millite Formation,
by A. V. Beznosikova, D. N. Polubolarinov, 7 pp.

RUSSIAN, per, Dok Ak Nauk USSR, Vol C, No 4, 1955,
pp 761-764.

Morris D. Friedman

Sci - Chemistry
Mar 59

84, 405

Effect of Leaves of Various Stages on the Time of
Budding in Tobacco, by N. Volodarskii.
RUSSIAN, per Dokl. Akad. Nauk SSSR, Vol 100, No. 4
1955, pp 797-800
CSIRO/No. 7976

Sci -
Aug 67

558-526

Difference in Sensitiveness of Male and Female
Chicken Embryos, by V. G. Ivanov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol C, No 4, 1955,
pp 829-832.

Assoc Tech Sv 75H12R

Sci - Biology
Oct 57

54,134

Generalized stochastic processes, by Gel'fand, I. M.,
8 pp.

RUSSIAN, per, Dok Ak. Nauk SSSR, 100, No 5, p. 853-
856, 1955.

SLA R-3450

Sci

Aug 59

94,335

Boundary Layer With a Surface of Discontinuity.
Flow Over a Plate With Fluid Escaping Through
Its Surface, by G. G. Cherayl, 7 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR,
Vol C, No 5, p 867-870.

Morris D Friedman-2-105
\$3.50

Scientific - Physics

9092646

CTS 69/Jun 55

24,745